

POWER CONVERSION PRODUCTS
Ground Mobile Series

Part No.: VTA96009-00

40W AC Adapter

FEATURES

- ❑ Mechanically Rugged to withstand Shock
- ❑ Up to 40 Watts Output Power
- ❑ Wide AC Input Range / EMI Filtered
- ❑ Continuous Short Circuit Protection
- ❑ Thermal Protection

This AC Adapter, used in Ground Mobile Military applications, features a low profile package of 9.3” L x 6.1” D x 1.76” H or 0.4Watt/in³. It has excellent load regulation, input filtering, and low output ripple as well as current limiting/thermal shutdown protections.

Input Specifications:

Steady State Input Voltage 88 to 276 VAC, 1Ø
 Steady State Frequency 47 to 440 Hz
 Voltage Enable Between 72VAC and 88VAC
 Voltage Disable < 84VAC
 Inrush Current (276VAC @ Full Load) < 2.5 A peak maximum
 Isolation (input/output to chassis) Hi-Pot Tested @ 300 VDC

Output Specifications:

<u>Nominal Voltage</u>	<u>Maximum Current</u>	<u>DC Load Regulation</u>	<u>Ripple & Noise</u>	<u>Maximum Power</u>
+ 28 VDC	1.4 A	±7%	< 1 Vp-p	40 W

Over-voltage Protection125% of nominal level
 Current Limit >130% of Full Load Current

